

SUMMIT DISTRIBUTORS, INC.

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**NEW
DUAL DIFF-AMPS
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DESIGN DEXTERITY**

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OUTSTANDING DIFFERENTIAL INPUT CHARACTERISTICS SIMPLIFY DETECTION, SENSING AND MEMORY DESIGNS

"Versatility" is the word for the MC1711 and MC1711C, new Motorola dual differential-voltage comparators. They have an extraordinary ability to transfer differential input signals directly and quickly into corresponding dc output levels.

(For example, both types provide typical input offset voltages of only 1.0 mV and offset voltage drift is a low 5 $\mu\text{V}/^\circ\text{C}$ typ)

Coupled with their typical response times of just 40 ns, they're ideal for critical differential functions . . . as voltage comparators, variable threshold Schmitt triggers, pulse height discriminators and high noise immunity line receivers.

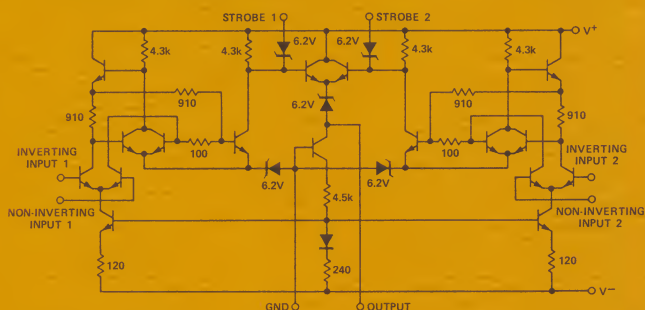
Furthermore, their outputs are compatible with all saturated logic forms — indicated by a typical V_{out} range of +4.5 V to -0.5 V.

The MC1711 operates over -55 to $+125^\circ\text{C}$, the MC1711C is for the more limited temperature 0 to $+75^\circ\text{C}$ range.

Both are available in 10-pin TO-100 metal case. The MC1711 also comes in the Unibloc* in-line plastic package.

*Trademark of Motorola Inc.

100-UP PRICES	MC1711	MC1711C
TO-100 ("G" suffix)	\$13.50	\$7.00
TO-86 ("F" suffix)	13.50	7.00
Unibloc ("P" suffix)	—	6.50



Note the completely symmetrical input and output design of the MC1711 & MC1711C circuit, as well as the inclusion of four zener diodes.

IMMEDIATELY AVAILABLE OFF-THE-SHELF



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